Table S4. Oligos used in this study

Oligo	Sequence 5′ - 3′
O-AK24F	ACCTGACGCTTTTTATCGCAACTCTCTACTGTTTCTCCATGAGTTGTTAAAG CTACGATAAATATTATGTTTTTACGGGGACAGGATCGT
O-AK24F2	ACCTGACGCTTTTTATCGCAACTCTCTACTGTTTCTCCATAAGGTTCTGATC ACCGACCAGTGATGGAGAAA
O-AK24R	TAACGCCAGGGTTTTCCCAGTCACGACGTTGTAAAACGACCGGGGCAGAA CCGTTAATGGCTATACC
O-AKMF	GATCGATCGGATCCCTTCCGATGTAGACCCGTAT
O-AKMR	GATCGATCAAGCTTCAGACCCTGATGGTGTCTGAAAAACGTACCCTGATG GTGTACGAAGAAAACGCCTGTACTAAAACCGA
O-AK31F	ACCTGACGCTTTTTATCGCAACTCTCTACTGTTTCTCCATTGAAAGCATGCC GGATTGCG
O-AK31R	TAACGCCAGGGTTTTCCCAGTCACGACGTTGTAAAACGACTGCAATGGCTT TGACGGTGG
O-AK37F	ACCTGACGCTTTTTATCGCAACTCTCTACTGTTTCTCCATCAGATGTAATCC ATTAGTTTTATATTTTACCCATTTAGGG
O-AK37R	TAACGCCAGGGTTTTCCCAGTCACGACGTTGTAAAACGACAAGGTGCTGC AAGAGAGCTG
O-AK59F	TCTTCGCCTGTACCACCGCTCGGTTTTAGTACAGG
O-AK59R	CCTGTACTAAAACCGAGCGGTGGTACAGGCGAAGA
O-AK67F	ACCTGACGCTTTTTATCGCAACTCTCTACTGTTTCTCCATGAATGGGAGGC GTTTCGTCG
O-AK67Mut	ACCTGACGCTTTTTATCGCAACTCTCTACTGTTTCTCCATGGCAACACTATG ACATCCCAAAACCCG
O-AK67R	TAACGCCAGGGTTTTCCCAGTCACGACGTTGTAAAACGACGCATTGCTGG AATGGCTGCG
O-AK68F	ACAAGATACTGACGTCCTTGGGATGTAGACCCGTATTCTT
O-AK68R	AAGAATACGGGTCTACATCCCAAGGACGTCAGTATCTTGT
O-AK69F	ATAACAAGATACTGACGTCCTAGGGATGTAGACCCGTATTCTTCG
O-AK69R	CGAAGAATACGGGTCTACATCCCTAGGACGTCAGTATCTTGTTAT
O-AK78F	ACCTGACGCTTTTTATCGCAACTCTCTACTGTTTCTCCATGTCATTATCCCT ACACAACACAATTGGC
O-AK78R	TAACGCCAGGGTTTTCCCAGTCACGACGTTGTAAAACGACGGGCCACAAC CCGTAGAA
O-AK80	TCGCAACTCTCTACTGTTTCTCCATCTTTTTTTTTGAACAAAATTAGAGAATAA CAATGCAAACACAAAAACCGACTCTCGAACTGCTAACCTGCGAAGGCGTC GTTTTACAACGTCGTGACTGGG
O-AK80Mut	TCGCAACTCTCTACTGTTTCTCCATCTTTTTTTTTGAACAAAATTAGAGAATAA CAATGCAAACACAAAAACCGAGTGTCGAACTGCTAACCTGCGAAGGCGTC GTTTTACAACGTCGTGACTGGG
O-AK80tru	TCGCAACTCTCTACTGTTTCTCCATCTTTTTTTTTGAACAAAATTAGAGAATAA CAATGGTCGTTTTACAACGTCGTGACTGGG
O-AK81	TCGCAACTCTCTACTGTTTCTCCATGCCGCGCATTCCCGGCGCGGGGTAA TACGGAGATATCATCATGGGCAAATTAGGTGAAGTCGTTTTACAACGTCGT GACTGGG
O-AK82	TCGCAACTCTCTACTGTTTCTCCATTTCCTGCATCAAAACAACACCGGTATT ACGCAAAACTTATCGTACATTGGCGGCTAAAACGTCAAAAGGAGAGATCA GATGAGTCAGGTAAGCACTGAATTTATCCCGACCCGTATTGCTATTCTTGT CGTTTTACAACGTCGTGACTGGG
O-AK83	TCGCAACTCTCTACTGTTTCTCCATAGTACCTGGACTGACCGACTATACTTT TTAAGAATGACCACGACAGAAGGACAAAAGAGCGGATGACGGTCGTTTTA CAACGTCGTGA CTGGG

O-AK84	TCGCAACTCTCTACTGTTTCTCCATGCCTGAGTAAGGAGAGTATGATGTCT TCTGTTTCTACATCGGGGTCTGGCGTCGTTTTACAACGTCGTGACTGGG
O-AK85	TCGCAACTCTCTACTGTTTCTCCATAGACCGACGAAGTGCTGGAAAACCCG GACCCGCGAGGTGCGGCATGAAACAGGTTTGCGTCCTCGGTGTCGTTTTA CAACGTCGTGACTGGG
O-AK86	TCGCAACTCTCTACTGTTTCTCCATGTTGGCGCATTCATTAACGATAGGGT ATAAGTAAAACAATAAGTTAACACCGCTCACAGAGACGAGGTGGAGAAATG TTAGATCAAGTATGCCAGCTTGCACGGAATGCAGGCGATGCCATTATGCA GGTCTACGACGGGACGGTCGTTTTACAACGTCGTGACTGGG
O-AK87	TCGCAACTCTCTACTGTTTCTCCATAGTTAGCGAGATGAATGCGAAAAAAA CGCGGAGAAATTCATGAGTAGTAAAGAACAGAAAACGCCTGAGGGGCAAG CCGTCGTTTTACAACGTCGTGACTGGG
O-AK88	TCGCAACTCTCTACTGTTTCTCCATCGGCGTTTATATACTGAAGATAAGCCT GATGAGTAACAGGCTTGCTCGTCATACTTTCGTGAGTATTGGCGTTGTACA GGCAAGTCGTAAAATAACAGCCTGGCTATTCAGAGTATGATAAAAACAGGG GGCAAGGGATGTTGGTCGTTTTACAACGTCGTGACTGGG
O-AK89	TCGCAACTCTCTACTGTTTCTCCATTCGCCTGTGCGGCGGTAGGCCTGGT GGGCAAAGAGTCTGATTTGTTCCGCTTTACTGTCAAACACAGCCTGATCTT CACCTGTATAGTGGGCGTGATCACCACGCTTCAGGCTTATGTCTTAACGTG GATGATTCCTTAATGATTGTTTTACCCAGACGCCTGTCAGACGAGGTTGCC GATCGTGTGCGGGCGCTGATTGATGTCGTTTTACAACGTCGTGACTGGG
O-AK90	TCGCAACTCTCTACTGTTTCTCCATAGTGTTTCCGTTAACGAATGAGGTAG CTATGGGTCTGTTCAATTTTGTGAAAGATGCCGGAGAAAAACTCTGGGACG CGGTTACAGGTCAGCACGATAAAGACGATCAGGCGAAGAAGGTGCAGGA GGTCGTTTTACAACGTCGTGACTGGG
O-AK91	TCGCAACTCTCTACTGTTTCTCCATTAATTTCCATCCACATTTGAAGAAATA AGTATGTCGCAACTGACCCATATCGTCGTTTTACAACGTCGTGACTGGG